FAX NO. 6174394170

P. 07

Application No. 10/826,743

Amendment dated January 11, 2006

Reply to Office Action of July 11, 2005

Docket No.: 60583(50530)

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A compound of Formula I or II:

A is independently selected from hydrogen; $-(C=O)-O-R_1$, $-(C=O)-R_2$, $-C(=O)-NH-R_2$, or $-S(O)_2-R_2$;

G is independently selected from -OH, -O-(C_1 - C_{12} alkyl), -NHS(O)₂- R_1 , -(C=O)- R_2 ; -(C=O)- O- R_1 , or -(C=O)-NH- R_2 ;

L is independently selected from -S-, -SCH₂-, -SCH₂CH₂-, -S(O)₂-, -S(O)₂CH₂CH₂-, -S(O)-, -S(O)CH₂CH₂-, -O-, -OCH₂-, -OCH₂CH₂-, -(C-O)-CH₂-, -CH(CH₃)CH₂-, -CFHCH₂-, or -CF₂CH₂-;

X and Y taken together with the carbon atoms to which they are attached form a cyclic moiety selected from aryl, substituted aryl, heteroaryl, or substituted heteroaryl;

W is absent, or independently selected from -O-, -S-, -NH-, -C(O)NR₁- or -NR₁-;

Z is independently selected from hydrogen; -CN, -SCN, -NCO, -NCS, -NHNII₂, -N₃, halogen, -R₄, -C₃-C₁₂ cycloalkyl, substituted -C₃-C₁₂ cycloalkyl, aryl, substituted aryl, heteroaryl, substituted heteroaryl, heterocycloalkyl, substituted heterocycloalkyl, and -NH-N=CH(R₁);

Each R_1 is independently selected from hydrogen, C_1 - C_6 alkyl, substituted C_1 - C_6 alkyl, C_1 - C_6 alkenyl, substituted C_1 - C_6 alkenyl, C_1 - C_6 alkynyl, substituted C_1 - C_6 alkynyl, C_3 - C_{12} cycloalkyl, substituted C_3 - C_{12} cycloalkyl, aryl, substituted aryl, arylalkyl, substituted arylalkyl,

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heteroaryl, substituted heteroaryl, heteroarylalkyl, substituted heteroarylalkyl, heterocycloalkyl, or substituted heterocycloalkyl;

Each R_2 is independently selected from hydrogen, C_1 - C_6 alkyl, C_1 - C_6 alkyl, substituted C_1 - C_6 alkyl, C_1 - C_6 alkenyl, substituted C_1 - C_6 alkenyl, C_1 - C_6 alkynyl, substituted C_1 - C_6 alkynyl, C_3 - C_{12} cycloalkyl, substituted C_3 - C_{12} cycloalkyl, alkylamino, dialkylamino, arylamino, diarylamino, aryl, substituted arylalkyl, substituted arylalkyl, heteroaryl, substituted heteroarylalkyl, heteroarylalkyl, or substituted heterocycloalkyl;

Each R4 is independently selected from:

- (i) -C₁-C₆ alkyl containing 0, 1, 2, or 3 heteroatoms selected from O, S, or N, optionally substituted with one or more substituent selected from halogen, aryl, substituted aryl, heteroaryl, or substituted heteroaryl;
- (ii) -C₂-C₆ alkenyl containing 0, 1, 2, or 3 heteroatoms selected from O, S, or N, optionally substituted with one or more substituent selected from halogen, aryl, substituted aryl, heteroaryl, or substituted heteroaryl; or
- (iii)—C₂-C₆ alkynyl containing 0, 1, 2, or 3 heteroatoms selected from O, S, or N, optionally substituted with one or more substituent selected from halogen, aryl, substituted aryl, heteroaryl, or substituted heteroaryl;

R₅ and R₆ are each independently selected from hydrogen or methyl;

j = 0, 1, 2, 3, or 4; m = 0, 1, or 2; ands = 0, 1 or 2[1.1];

wherein each substituted alkyl, substituted alkenyl, substituted alkynyl, substituted aryl, substituted arylalkyl, substituted heteroaryl, substituted C₁-C₁₂-cycloalkyl, substituted heteroarylalkyl may independently replace one, two or three of the hydrogen atoms thereon with F, Cl, Br, I, OH, NO₂, CN, C₁-C₆-alkyl-OH, C(O)-C₁-C₆-alkyl, OCH₂-C₃-C₁₂-cycloalkyl, C(O)H, C(O)-aryl, C(O)-heteroaryl, CO₂-alkyl, CO₂-aryl, CO₂-heteroaryl, CO₃-C₆-alkyl, OC(O)-aryl, CO₁-C₆-alkyl, OC(O)-aryl, OC(O)-c₁-C₆-alkyl, OCO₂-aryl, OCO₂-heteroaryl, OCONII₂, OCONII₃, OCONII₄-C₆-alkyl, OCO₂-aryl, OCO₂-heteroaryl, OCONII₃, OCONII₄-C₆-alkyl, OCONII₄-C₆-alkyl, OCONII₄-C₆-alkyl, OCONII₅-C₆-alkyl, OCONII₅-C₆-alkyl

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C1-C6-alkyl, NIICONII-aryl, NIICONII-heteroaryl, SO2-C1-C6-alkyl, SO2-aryl, SO2-heteroaryl, SO2NII-, SO2NII-C1-C6-alkyl, SO2NII-heteroaryl, C1-C6-alkyl, C2-C12-cycloalkyl, CF3, CII-C5-alkyl, C3-C12-cycloalkyl, CII-C5-alkyl, C3-C12-cycloalkyl, substituted C2-C12-cycloalkyl, aryl, substituted aryl, arylalkyl, heteroaryl, heteroarylalkyl, heteroarylalkyl, heteroaryl, heteroarylalkyl, heteroarylalkyl, heteroaryl, heteroarylalkyl, heteroarylalkyl, heteroaryl, heteroarylalkyl, heteroarylalkyl, heteroarylalkyl, heteroaryl, heteroarylalkyl, heteroaryl,

2. (Original) The compound of claim 1, wherein the compound is of Formula III:

wherein R7 and R8 are independently selected from R4 as defined in claim 1.

3. (Original) The compound of claim 1, wherein the compound is of Formula IV:

wherein R7 and R8 are independently selected from R4 as defined in claim 1.

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- 4. (Original) A compound according to any one of claims 1-3, wherein W is absent and Z is thiophenyl.
- 5. (Original) A compound according to any one of claims 1-3, wherein W is -CH-CH- and Z is thiophenyl.
- 6. (Original) A compound according to claim 1 which is selected from:
 Compound of Formula I, wherein A = tBOC, G = OII, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;
 - Compound of Formula I, wherein A = tBOC, G = OII, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 2-(formamido)-thiazol-4-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
 - Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = cthyl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
 - Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, Y is absent, Y = phenyl, Y = 3, Y = 1, and Y =
 - Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 4-methoxyphenyl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
 - Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, W = 4-cthoxyphenyl, W = 3, W = 1, and W = 1, an

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- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 5-bromothiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 2-pyrid-3-yl ethylenyl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 3.4-Dimethoxy-phenyl, y = 3, y = 3, and y =
- Compound of Formula I, wherein A = tBOC, G = OII, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 2-thiophen-2-yl ethylenyl, j = 3, m = s = 1, and $R_3 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OII, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, Z = indole-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OII, L = absent, X and Y taken together with the carbon atoms to which they are attached are plienyl, W is absent, Z = 1H-indol-3-yl methyl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein $\Lambda = tBOC$, G = OII, J = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = furan-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

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- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 1H-benzoimidazol-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phonyl, W is absent, Z = 1H-imidazol-2-ylmethyl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula 1, wherein A = tBOC, G = OEt, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = chloro, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, Z = thiophen-3-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OII, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl. W is absent, Z = 2-pyrid-3-yl acetylenyl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 2, 3-dilydrobenzofuran-5-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;
- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W = -NH, Z = propargyl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OII, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W = -N(ethyl), Z = benzyl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W = -NH-, Z = pyrid-3-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OU, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = tetrazolyl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = morpholino, j = 3, m = s = 1, and $R_3 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OII, I = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W = -O-, Z = thiophen-3-yl-methyl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are X = thiophen-2-yl, Y = 3, Y = 1, and Y = 1, and Y = 1, and Y = 1, Y

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Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

Compound of Formula I, wherein $\Lambda = tBOC$, G = OII, L = absent, X and Y taken together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yI, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are X = A, Y = A,

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = \text{hydrogen}$;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are A = absent, A = abs

Compound of Formula I, wherein A = tBOC, G = OI), I. = absent, X and Y taken

together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = \text{hydrogen}$;

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Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken

together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 =$ hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are absent, Z = thiophen-2-y1, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

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Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken

Compound of Formula I, wherein A = tBOC, G = OII, L = absent, X and Y taken

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

Compound of Formula I, wherein A = tBOC, G = OII, L = absent, X and Y taken

together with the earbon atoms to which they are attached are is absent, Z = 1 thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = 1$ hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken

together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = \text{hydrogen}$;

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Compound of Formula I, wherein A = tBOC, G = Oll, L = absent, X and Y taken

together with the carbon atoms to which they are attached are is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_s = R_6 = \text{hydrogen}$;

Compound of Formula I, wherein A = tBOC, G = OII, L = absent, X and Y taken

together with the earbon atoms to which they are attached are $\mathbb{R}_5 = \mathbb{R}_6 = \mathbb{$

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken

together with the carbon atoms to which they are attached are is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = \text{hydrogen}$;

Compound of Formula I, wherein A = tBOC, G = OEt, L = absent, X and Y taken together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yI, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

Compound of Formula I, wherein A = tBOC, G = OII, L = absent, X and Y taken

together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = \text{hydrogen}$;

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Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken

together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 =$ hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken

together with the carbon atoms to which they are attached are W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, $R_5 = R_6 = \text{hydrogen}$;

Compound of Formula I, wherein $\Lambda = tBOC$, G = OII, L = absent, X and Y taken

together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yl, j = 3, m = s = 1, $R_5 = R_6 = \text{hydrogen}$;

Compound of Formula I, wherein $A = -(C=O) - O - R^1$, wherein $R^1 =$ cyclopentyl, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 =$ hydrogen;

Compound of Formula I, wherein $A = -(C=O) - O - R^{-1}$, wherein $R^{-1} = cyclobutyl$, G = OII, I. = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

Compound of Formula I, wherein $A = -(C=O) - O - R^{-1}$, wherein $R^{-1} = cyclohexyl$, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

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Compound of Formula I, wherein $A = -(C=O)-O-R^1$, wherein $R^1 = -C$, G = OII, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

Compound of Formula I, wherein $A = -(C=O) - O - R^{-1}$, wherein $R^{-1} = -(C=O) - C - R^{-1}$, wherein $R^{-1} = -(C=O) - O - R^{-1}$, wherein $R^{-1} = -(C=O) - O - R^{-1}$, wherein $R^{-1} = -(C=O) - O - R^{-1}$, wherein $R^{-1} = -(C=O) - O - R^{-1}$, wherein $R^{-1} = -(C=O) - O - R^{-1}$, wherein $R^{-1} = -(C=O) - O - R^{-1}$, wherein $R^{-1} = -(C=O) - O - R^{-1}$, wherein $R^{-1} = -(C=O) - C - R^{-1}$, wherein $R^{-1} = -(C=O) - C - R^{-1}$, wherein $R^{-1} = -(C=O) - C - R^{-1}$, wherein $R^{-1} = -(C=O) - C - R^{-1}$, wherein $R^{-1} = -(C=O) - C - R^{-1}$, wherein $R^{-1} = -(C=O) - C - R^{-1}$, wherein $R^{-1} = -(C=O) - C$ is a specific $R^{-1} = -(C=O) - C$ is a specific $R^{-1} = -(C=O) - C$ is a

Compound of Formula I, wherein $A = -(C=O)-O-R^1$, wherein $R^1 = -CO$, G = OII, C = A absent, C = A and C = A taken together with the carbon atoms to which they are attached are phenyl, C = A is absent, C = A thiophen-2-yl, C = A, wherein C = A is a cyclopentyl, C = A is absent, C = A and C = A is absent, C = A and C = A is absent, C = A and C = A is absent, C = A is absent,

Compound of Formula I, wherein $A = -(C=0)-NII-R^1$, wherein $R^1 = \text{cyclopentyl}$, G = OII, L. = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = \text{hydrogen}$;

Compound of Formula I, wherein $A = -(C=S)-NH-R^1$, wherein $R^1 =$ cyclopentyl, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are plicitly. W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 =$ hydrogen;

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Compound of Formula I, wherein $A = -S(O)_2 - R^1$, wherein R^1 = cyclopentyl, G = OII, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

Compound of Formula I, wherein $A = -(C=O) - O - R^1$, $R^1 =$ cyclopentyl, G = -O-phenethyl, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, y = 1, and y =

Compound of Formula I, wherein A = -(C=O)-O-R¹, R¹ = cyclopentyl, G =
--NII-phenethyl, L = absent, X and Y taken together with the carbon atoms to which
they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅
=- R₆ = hydrogen;

Compound of Formula I, wherein $A = -(C=O) - O - R^1$, $R^1 = \text{cyclopentyl}$, G = -NHS(O)2-phenethyl L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6$ = hydrogen;

Compound of Formula I, wherein $\Lambda = -(C=O)-O-R^1$, $R^1 =$ cyclopentyl, G = -(C=O)-OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, y = 1, and y = 1, an

Compound of Formula I, wherein $A = -(C=O) - O - R^1$, $R^1 =$ cyclopentyl, G = -(C=O) - O-phenethyl, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 =$ hydrogen;

Compound of Formula I, wherein $A = -(C=O) - O - R^1$, $R^1 =$ cyclopentyl, G = -(C=O) - NH-phenethyl, I. = absent, X and Y taken together with the carbon atoms to

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which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_s = R_6 = \text{hydrogen}$:

- Compound of Formula I, wherein $A = -(C=O)-O-R^1$, $R^1 =$ cyclopentyl, G = $-(C=O)-NH-S(O)_2$ -benzyl, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, y = 3, y = 3, and y = 3, and
- Compound of Formula I, wherein A = tBOC, G = OH, L = -(C=O)CH₂-, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = \text{hydrogen}$;
- Compound of Formula I, wherein A = tBOC, G = OH, $L = -CH(CH_3)CH_2-$, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OH, L = -O-, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, $R_5 = methyl$, and $R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OII, L = -S-, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, $R_s =$ methyl, and $R_6 =$ hydrogen;
- Compound of Formula I, wherein A = tBOC, G = OH, L = -S(O)-, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, R_5 = methyl, and R_6 = hydrogen;
- Compound of Formula I, wherein A = tBOC, G = OH, $L = -S(O)_2$, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yI, j = 3, m = s = 1, $R_5 = methyl$, and $R_6 = hydrogen$;

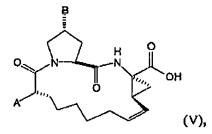
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Compound of Formula I, wherein A = tBOC, G = OH, L = -SCII₂CH₂-, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, $R_5 = methyl$, and $R_6 = hydrogen$;

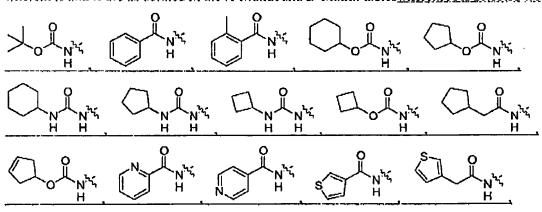
Compound of Formula I, wherein A = tBOC, G = OH, L = CF₂CH₂, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen; and

Compound of Formula I, wherein A = tl3OC, G = OII, $L = -CHFCH_2$, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$.

7. (Currently amended) A compound of Formula V:



wherein-A-and-B-are as defined in the A-Matrix-and-B-Matrix tables wherein A is selected from:



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and B is selected from:

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8. (Currently amended) A compound of claim [[8]]_7 selected from compound numbers the following compounds: 101301; 101358; 101306; 101302; 101322; 101311; 101325; 101303; 101304; 101326; 101327; 101330; 101331; 101332; 101335; 101336; 101348; 101340; 101334; 101348; 101359; 101328; 101360; 101361; 101362; 101329; 105301; 123301; 123301; 124301; 109301; 122301; 111301; 114301; 107301; 104301; 101324; 101304; 101355; 101356; 101307; 101357; 101347; 101352; 110301; 101364; 101308; 101309; 128301; 124301; 113301; 143301; 115301; 101367; 101368; 101323; 101317; 108301; 101318; 101319; 101351; 101353; 101349; 118301; 120301; 101333; 101320; 101321;

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129301; 121301; 117301; 123352; 101347; 101350; 107365; 101313; 145301; 101366; 101354; 101343; 101314; 101339; 101341; 107341; 114341; 106301; 144301; 126301; 127301; 130301; 116301; 102301; 140301; 141301; 139301; 138301; 142301; 137301; 135301; 134301; 133301; 131301; 132301; 136301; 101345; 101344; 101342; 105316; 107316; 101315; 101346; 101337; 116365; or 101338.

Compound	<u>B</u>	Compound	<u>B</u>
<u>101301</u>	C N S	101358	HN CO
101306	Meo N N N	101302	MeO N O
101322		101311	S Br
101325		101303	MeO NO

101326		101327	THE STATE OF THE S
101330	N N N N N N N N N N N N N N N N N N N	101331	
101332	N N N	101335	N O H
101336	N OH OH	101348	S S S
101340	N N S	101334	N N N N N N N N N N N N N N N N N N N
101348		101359	N N N
101328		101360	HO
101261		101263	
101361		101362	

101329	N H	101324	N
	N N N N N N N N N N N N N N N N N N N		N O
101304		101355	
101356		101307	S S S
101357		101347	
101352		101364	N S N
101308	ST S	101309	S S S
101367		<u>101368</u>	

101323		101317	LINI-N
			HN-NN Ph
101318	N-N SiMe ₃	101319	N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-
101351		101353	
101349		101333	
101320	N-N Ph	10/321	N=N Ph
101347		101350	
101313		101366	CLN S S

	Y		
101354		101343	
101314	CYN CS	101339	
101341		101345	
101344	N S Br	101342	
101315	S S S S S S S S S S S S S S S S S S S	<u>101346</u>	
101337		<u>101338</u>	

Community	T A	Commenced	
Сотрониц	Δ	Compound	Δ
105301	No. L. N. V.	123301	HO No Paris
112301	N H N H	124301	OH H
109301	N'V'S	122301	NH H
11130).	O N'Y	114301	S N ^h h
107301	N N N N N N N N N N N N N N N N N N N	104301	O N'r's
110301	N ² 4,	128301	N N N Y
12430)	OH H	113301	N H N N N N N N N N N N N N N N N N N N
143301	N H H	115301	S O N'AG

108301	N N N N N N N N N N N N N N N N N N N	118301	N NH H
120301	H H	129301	N N N'1',
121301	O'N H	117301	N N N N N N N N N N N N N N N N N N N
<u>145</u> 301	S N H	106301	H H
144301	N N H	126301	N H N N Y
127301	N H N H	130301	FN_N''\', HH
116301	N H	102301	H N. J. Y.
140301	NH H	141301	N ¹ 1,
139301	N ¹⁻⁷	138301	HN H
142301	N-N H	137301.	HN H

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135301	N N N	134301	N N N N N N N N N N N N N N N N N N N
133301	но \	131301	HO N N N N N N N N N N N N N N N N N N N
132301	HO N N N N N N N N N N N N N N N N N N N	136301	S N H

123352;

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- (Original) A pharmaceutical composition comprising an inhibitory amount of a compound according to claim 1 or 7 alone or in combination with a pharmaceutically acceptable carrier or excipient.
- 10. (Original) A method of treating a hepatitis C viral infection in a subject, comprising administering to the subject an inhibitory amount of a pharmaceutical composition according to claim 9.
- 11. (Original) A method of inhibiting the replication of hepatitis C virus, the method comprising supplying a hepatitis C viral NS3 protease inhibitory amount of the pharmaceutical composition of claim 9.
- 12. (Original) The method of claim 10 further comprising administering concurrently an additional anti-hepatitis C virus agent.
- 13. (Original) The method of claim 12, wherein said additional anti-hepatitis C virus agent is selected from the group consisting of: α-interferon, β-interferon, ribavarin, and adamantine.
- 14. (Original) The method of claim 12, wherein said additional anti-hepatitis C virus agent is an inhibitor of hepatitis C virus helicase, polymerase, metalloprotease, or IRES.

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